



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. 09/224,918  
Filing Date 1/4/1999  
Inventorship Hunnicutt et al.  
Applicant Microsoft Corporation  
Attorney's Docket No. MS1-326USC1  
Title: Access Check System Utilizing Cached Access Permissions

**TRANSMITTAL LETTER AND CERTIFICATE OF MAILING**

To: Commissioner of Patents and Trademarks,  
Washington, D.C. 20231  
  
From: Bradley K. DeSandro (Tel. 509-324-9256; Fax 509-323-8979)  
Customer No. 22801



22801

PATENT TRADEMARK OFFICE

The following enumerated items accompany this transmittal letter and are being submitted for the matter identified in the above caption.

1. Transmittal letter including Certificate of Mailing
2. Fee Transmittal
3. Check in the amount of \$2,770.00
4. Continued Prosecution Application Request Transmittal
5. Copy of Recordation of Assignment Document
6. Amendment "C"
7. Return Post Card

RECEIVED  
MAY 7 2001  
Group 2100

Large Entity Status ☒ Small Entity Status ☐

*Applicant hereby requests an extension of time in any case such an extension is necessary. The fee should be charged to the Deposit Account indicated below.*

The Commissioner is hereby authorized to charge payment of fees or credit overpayments to Deposit Account No. 12-0769 in connection with any patent application filing fees under 37 CFR 1.16, and any processing fees, including any necessary extension fees under 37 CFR 1.17.

Date: 5-2-2001

By:   
Bradley K. DeSandro  
Reg. No. 34,521

**CERTIFICATE OF MAILING**

I hereby certify that the items listed above as enclosed are being deposited with the U.S. Postal Service as either first class mail, or Express Mail if the blank for Express Mail No. is completed below, in an envelope addressed to The Commissioner of Patents and Trademarks, Washington, D.C. 20231, on the below-indicated date. Any Express Mail No. has also been marked on the listed items.

Express Mail No. (if applicable) EL764086365

Date: 5/2/01

By:   
LeAnn M. Sassman



EL764086365

PTO/SB/17 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 2,770.00)

## Complete if Known

Application Number	09/224,918
Filing Date	01/04/99
First Named Inventor	Hunnichy et al.
Examiner Name	Edleman
Group Art Unit	2153
Attorney Docket No.	MSI-324 USC1

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 12-0769  
Deposit Account Name LLC + Hayes, PLLC

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Code (\$)	Small Entity Code (\$)	Fee Description	Fee Paid
101 710	201 355	Utility filing fee	710
106 320	206 160	Design filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$ 710.00)

## 2. EXTRA CLAIM FEES

Total Claims 45 - 20\*\* = 25 X 18 = 450  
Independent Claims 12 - 3\*\* = 9 X 80 = 720  
Multiple Dependent        =       

Large Entity Code (\$)	Small Entity Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 80	202 40	Independent claims in excess of 3
104 270	204 135	Multiple dependent claim, if not paid
109 80	209 40	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 1,170.00)

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 390	216 195	Extension for reply within second month	
117 890	217 445	Extension for reply within third month	
118 1,390	218 695	Extension for reply within fourth month	
128 1,890	228 945	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,240	241 620	Petition to revive - unintentional	
142 1,240	242 620	Utility issue fee (or reissue)	
143 440	243 220	Design issue fee	
144 600	244 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
179 710	279 355	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 890.00)

## SUBMITTED BY

Name (Print/Type) Bradley K. DeSandro  
Signature Bradley K. DeSandro

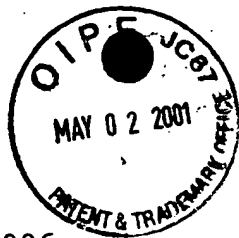
Registration No. 34,521  
(Attorney/Agent)

## Complete (if applicable)

Telephone (509) 324-929  
Date 5-2-2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



EL764086365

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

NOVEMBER 07, 1996

PTAS

DUFT, GRAZIANO & FOREST, P.C.  
MARTIN L. SHIVELY  
1790 - 30TH STREET, SUITE 140  
BOULDER, CO 80301-1018

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\*100270689A\*

NOV 15 1996

DUFT, GRAZIANO &  
FOREST, P.C.

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/14/1996

REEL/FRAME: 8110/0594  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
HUNNICUTT, HEATH

DOC DATE: 08/01/1996

ASSIGNOR:  
LUDEMAN, JOHN F.

DOC DATE: 08/12/1996

ASSIGNEE:  
MICROSOFT  
ONE MICROSOFT WAY  
REDMOND, WASHINGTON 98052SERIAL NUMBER: 08689838  
PATENT NUMBER:FILING DATE: 08/14/1996  
ISSUE DATE:RECEIVED  
MAY 7 2001  
Group 2100

SHARMALLA SIMPSON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

FORM PTO-1595

(Rev. 6-93)

OMB No. 0652-0011

RI

09-05-1996



100270689

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Heath Hunnicutt  
John F. Ludeman  
Additional name(s) of conveying party(ies) attached? ☐ Yes  
☒ No

2. Name and address of receiving party(ies)

Name: Microsoft

Internal Address: \_\_\_\_\_

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Street Address: One Microsoft WayCity, State, Zip: Redmond, WA 98052Additional name(s) & address(es) attached? ☐ Yes ☒ NoExecution Date: August 1, 1996 and August 12, 1996

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: August 1, 1996

A. Patent Application No.(s)

B. Patent No.(s)

70885 U.S. PT



09/04/96

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Martin L. ShivelyInternal Address: Duft, Graziano & Forest, P.C.Street Address: 1790 - 30th Street, Suite 140City: Boulder State: CO ZIP: 80301-10186. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41) \$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

04-1697

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Martin L. Shively

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3350 SC 08/27/96 08689838  
40.00 CK

08/689838/10

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MAY 7 2001

GPO 2100

**ASSIGNMENT**

WHEREAS, we, Heath Hunnicutt, having a post office address of 4850 - 156th Avenue NE, Apt. 138, Redmond, WA 98052, and John F. Ludeman having a post office address of 1210 - 230th Avenue NE, Redmond, WA 98053, (hereinafter referred to as ASSIGNORS) are the inventors of an invention entitled "ACCESS CHECK SYSTEM UTILIZING CACHED ACCESS PERMISSIONS" as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

WHEREAS, Microsoft (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sells, assigns and transfers unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 1<sup>st</sup> day of August

\_\_\_\_\_, 1996.

Heath Hunnicutt  
Heath Hunnicutt

State of

Washington

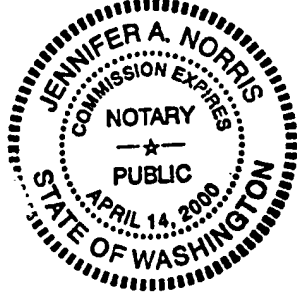
County of

King

On this 1<sup>st</sup> day of August, 1996, before me personally appeared

Heath Hunnicutt

to me known and known to me to be the person described in and who executed the foregoing instrument;  
and he acknowledged to me that he executed the same for the purposes therein stated.



Jennifer A. Norris  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12 day of August

\_\_\_\_\_, 1996.

John F. Ludeman  
John F. Ludeman

State of

Washington

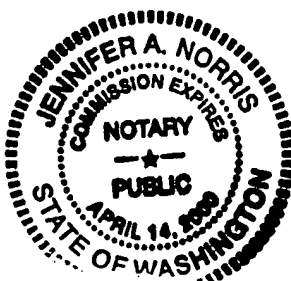
County of

King

On this 12<sup>th</sup> day of August, 1996, before me personally appeared

John F. Ludeman

to me known and known to me to be the person described in and who executed the foregoing instrument;  
and he acknowledged to me that he executed the same for the purposes therein stated.



Jennifer A. Norris  
Notary Public